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/
/   REGISTRATION NUMBER: 33,367
/   REFERENCE/DOCKET NUMBER:
/   TELECOMMUNICATION INFORMATION:
/   TELEPHONE: 202-371-8850
/   TELEFAX:
/   TELEX:
/   INFORMATION FOR SEQ ID NO: 3:
/   SEQUENCE CHARACTERISTICS:
/   LENGTH: 90 amino acids
/   TYPE: amino acid
/   STRANDEDNESS: single
/   TOPOLOGY: linear
/   MOLECULE TYPE: peptide
/   US-08-404-607-3

Query Match      17.2%; Score 88; DB 4; Length 90;
Best Local Similarity 23.3%; Ref No. 00025;
Matches 27; Conservative 8; Mismatches 28; Indels 18; Gaps 4;

QY 23 AUTCYME--LVECA3-AISSSFFSSSSQSVF-----EPPFEGYLRNPSL 74
DB 1 AITGCVASRLGCAAYAGSGSSPSAG--TWPLAGLAPSTADYQATGFC-----LKS 56
QY 75 POFVSPAAAKIASQCGVSIP 90
DB 57 AGAYNAPRAAGIPSPROGVSP 77

RESULT 9
US-08-632-511A-2
/ Sequence 2, Application US/08632511A
/ Patent No. 6218504
/ GENERAL INFORMATION:
/ APPLICANT: Krahn, Karsten M
/ APPLICANT: Mikkelsen, John D
/ APPLICANT: Nielsen, Klaus K
/ TITLE OF INVENTION: Anti-microbial proteins
/ NUMBER OF SEQUENCES: 9
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: SANDOZ AGRO INC
/ STREET: 975 California Avenue
/ CITY: Palo Alto
/ STATE: California
/ COUNTRY: USA
/ ZIP: CA94304-1104
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/632,511A
/ FILING DATE:
/ CLASSIFICATION: 800
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Marcus-Wyner, Lynn
/ REGISTRATION NUMBER: 34,869
/ REFERENCE/DOCKET NUMBER: 137-1089
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-354-1588
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 91 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: unknown
/ MOLECULE TYPE: protein
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ ORGANISM: Beta vulgaris
/ US-08-632-511A-2
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/
/   Query Match      17.0%; Score 87; DB 4; Length 91;
/   Best Local Similarity 26.9%; Ref No. 00033;
/   Matches 21; Conservative 14; Mismatches 31; Indels 12; Gaps 3;

QY 30 VTGNWM--ELVFCAGAISSSQSPSSQSVF-----EPPFEGYLRNPSL-RQF 77
DB 1 ITCGVASRLAFICIGLCAAEFSAF--TWPLAGLAPSTADYQATGFC-----LKS 56
QY 78 VSPAAAKIASQCGVSIP 95
DB 61 INVYKAASLPRQCGVSIP 78

RESULT 10
US-09-091-590A-7
/ Sequence 7, Application US/09091590A
/ Patent No. 6242574
/ GENERAL INFORMATION:
/ APPLICANT: Nielsen, Klaus
/ APPLICANT: Kroll Kristensen, Anne
/ APPLICANT: Brunstedt, Janne
/ TITLE OF INVENTION: Anti-Microbial Proteins
/ FILE REFERENCE: 3-130-1102/MA/ASQ/PCT
/ CURRENT APPLICATION NUMBER: 09/091,590A
/ CURRENT FILING DATE: 1999-05-06
/ PRIOR APPLICATION NUMBER: PCT/EP96/05765
/ PRIOR FILING DATE: 1996-12-20
/ PRIOR APPLICATION NUMBER: 09 9526238.2
/ PRIOR FILING DATE: 1995-12-21
/ NUMBER OF SEQ ID NOS: 35
/ SOFTWARE: Patent in version 3.0
/ SEQ ID NO 7
/ LENGTH: 91
/ TYPE: PRT
/ ORGANISM: Beta vulgaris
/ US-09-091-590A-7
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/
/   Query Match      17.0%; Score 87; DB 4; Length 91;
/   Best Local Similarity 26.9%; Ref No. 00033;
/   Matches 21; Conservative 14; Mismatches 31; Indels 12; Gaps 3;

QY 30 VTGNWM--ELVFCAGAISSSQSPSSQSVF-----EPPFEGYLRNPSL-RQF 77
DB 1 ITCGVASRLAFICIGLCAAEFSAF--TWPLAGLAPSTADYQATGFC-----LKS 56
QY 78 VSPAAAKIASQCGVSIP 95
DB 61 INVYKAASLPRQCGVSIP 78
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/   RESULT 11
/   US-09-091-590A-8
/   Sequence 8, Application US/09091590A
/   Patent No. 6242574
/   GENERAL INFORMATION:
/   APPLICANT: Nielsen, Klaus
/   APPLICANT: Kroll Kristensen, Anne
/   APPLICANT: Brunstedt, Janne
/   TITLE OF INVENTION: Anti-Microbial Proteins
/   FILE REFERENCE: 3-130-1102/MA/ASQ/PCT
/   CURRENT APPLICATION NUMBER: 09/091,590A
/   CURRENT FILING DATE: 1999-05-06
/   PRIOR APPLICATION NUMBER: PCT/EP96/05765
/   PRIOR FILING DATE: 1996-12-20
/   PRIOR APPLICATION NUMBER: 09 9526238.2
/   PRIOR FILING DATE: 1995-12-21
/   NUMBER OF SEQ ID NOS: 35
/   SOFTWARE: Patent in version 3.0
/   SEQ ID NO 8
/   LENGTH: 91
/   TYPE: PRT
/   ORGANISM: Beta vulgaris
/   US-09-091-590A-8
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